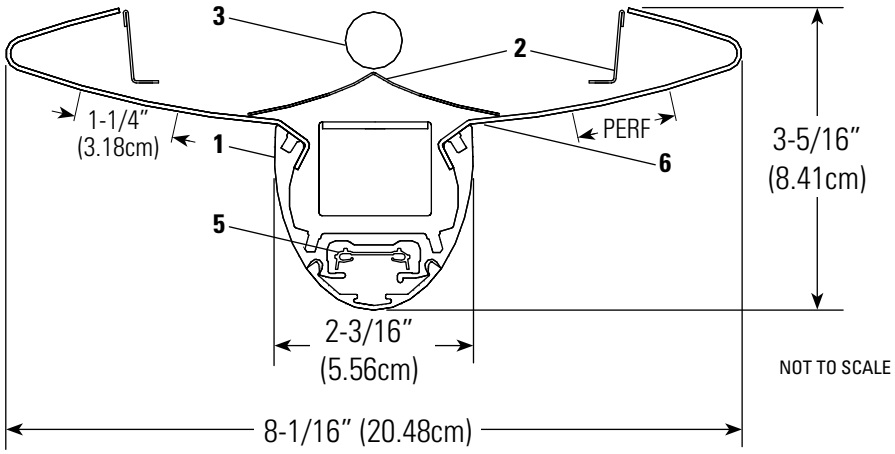

Module Ordering Information

Family	Series	Track	Length	Shielding	Lamps	Finish	Options
A	2	A		C			
		A = Track **B** = No Track	**4** = 4-Foot **8** = 8-Foot **12** = 12-Foot	**A** = Solid **B** = Perf **C** = Pierce **D** = Lens	**28** = 28w **54** = 54w	**WH** = White **AL** = Aluminum	**E1** = Emergency Pack, 120v **E2** = Emergency Pack, 277v **D1** = Dimming 120v **D2** = Dimming 277v **X5** = 5 Through Wires

Complete ordering instructions below.

Features

1. **Housing:** Extruded aluminum housing in lengths of 4' (121.92cm), 8' (243.84cm) and 12' (365.76cm). There are no exposed fasteners. The end caps are die-cast aluminum sculpted and finished to match the housing.
2. **Reflector:** Die-formed high purity anodized specular aluminum.
3. **Lamping:** One T5 28W or 54W lamp per four-foot nominal length. Provided by others.
4. **Alignment Mechanism:** The housing and the end cap each have a draw tight mechanism that creates a hairline joint along and at the ends of the run. To operate the mechanism, the installer tightens two screws.
5. **Track Option:** The housing has the capability of having single circuit Lytespan® track fixtures for accent lighting. The track is an integral component of the housing. The fixture housing comes with a cover to conceal any portion of the track that doesn't have a track fixture installed. The cover can be cut to length in the field. There is an optional cover **(ATC)** that creates a nearly seamless transition from the fluorescent fixture to the track fixture.
6. **Shielding:** Die-formed 20 ga. steel. Pattern is 3/32" (0.24cm) staggered holes backed by a 1/16" (0.16cm) white diffusing lens. Finished to match housing.

Labels

UL, cUL and I.B.E.W.

Finish

Powder coated baked white or silver enamel.
Custom colors available, consult factory.

Mountings

All mounting is on 48" (121.92cm), 96" (243.84cm) and 144" (365.76cm) centers.
Cable Suspension (not shown) 4-1/2" (11.43cm) diameter flat canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm) and adjustable cable gripper. Cable mounting at the ends of a run is not available when track is being used. Installing stems at the ends of the run will prevent the fixture from hanging off center caused by the weight of the track fixture. Cable suspension can be used in the center of runs that have track installed. Consult factory for other options.
Stem Mounting (not shown) - 4-1/2" (11.43cm) diameter flat canopy, 1/4" (0.64cm) IP (1/2" (1.27cm) OD) stem. The stem can accommodate up to 2-12 gauge and 3-18 gauge solid wires. All components have a white finish.

Electrical

Ballast is <10% THD, 1.0 ballast factor, program start. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circtuit off.
Dimming: 120/277 VAC 1% dimming level, 4 or 5 wire feed required.
Emergency Battery Pack: 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes.
There are two types of power feed end sets for the track option. One has a stem containing five solid wires and the other end set has one 5 wire and one 3 wire stem. Single power feed end sets allow for 16 amps of track fixtures per run while dual power feed end sets allow 32 amps per run.

Ordering Instructions

Individual Fixtures:

1. Order number of MODULES required.
2. Order one POWER FEED END SET per MODULE.

Continuous Rows:

1. Determine run length.
2. Order the appropriate number of MODULES for the complete run.
3. Order one POWER FEED END SET per run.
4. Order one INTERMEDIATE SUSPENSION per MODULE minus one per run.
5. For runs that exceed amperage limits, order the appropriate number of INTERMEDIATE POWER FEEDS.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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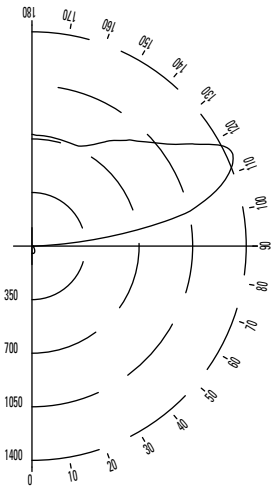
Performance

CANDLEPOWER CURVE



REPORT NO: ITL50920
CAT NO: A2X4B54
LAMPS: 1-F54T5
LUMENS: 5000
EFFICIENCY: 87.2%

ZONE ➤ / DEG. ▼	CANDLEPOWER 0	22	45	67	90
	CANDELAS				
180	730	730	730	730	730
175	732	732	728	724	716
165	708	709	712	716	720
155	658	666	685	706	721
145	584	602	662	775	831
135	486	523	707	895	970
125	374	456	761	1032	1160
115	249	433	864	1313	1444
105	111	408	920	1139	1176
95	12	303	344	354	312
90	2	41	29	26	5
85	2	17	14	6	6
75	5	6	8	7	6
65	10	10	9	11	10
55	18	19	15	16	16
45	26	29	24	23	20
35	35	38	36	34	31
25	41	44	45	44	42
15	46	47	49	49	48
5	49	49	49	48	47
0	48	48	48	48	48

COEFFICIENTS OF UTILIZATION
% EFFECTIVE CEILING CAVITY REFLECTANCE

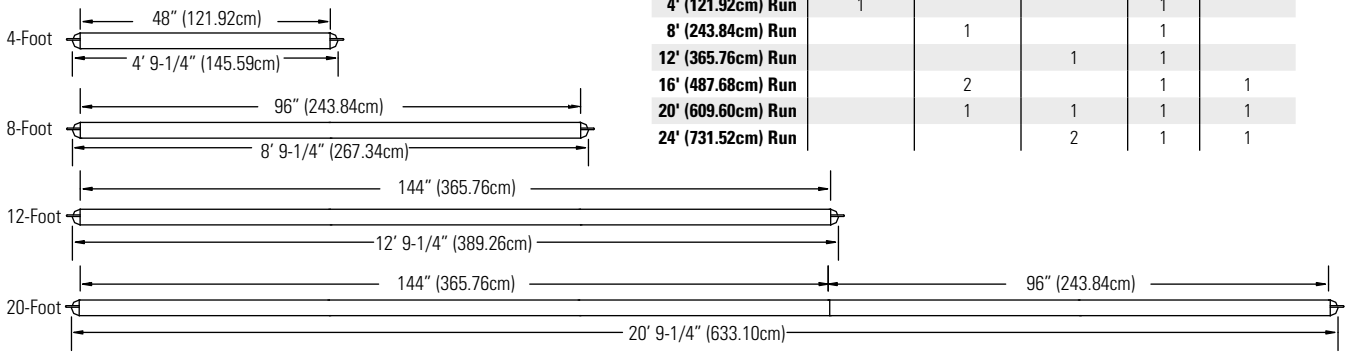
ROOM CAVITY RATIO	80			70			50		
	WALL REFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	84	84	84	72	72	72	50	50	50
1	76	72	69	65	62	60	43	42	40
2	69	63	58	59	54	50	38	35	33
3	63	55	50	54	48	43	33	30	28
4	57	49	43	49	42	37	29	26	24
5	53	43	37	45	37	32	26	23	20
6	48	39	32	41	33	28	23	20	17
7	44	35	28	38	30	25	21	18	15
8	41	31	25	35	27	22	19	16	13
9	38	28	22	32	24	19	17	14	11
10	35	26	20	30	22	17	16	12	10

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

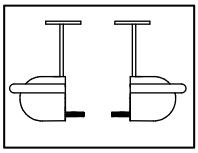
Zone	Lumens	% Lamp	% Luminaire
0-90	124	2.5	2.9
90-180	4237	84.7	97.1
0-180	4361	87.2	100.0

Fixture Lengths and Mounting Locations

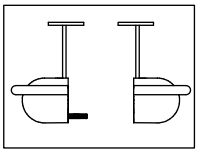


	4' (121.92cm) Module	8' (243.84cm) Module	12' (365.76cm) Module	End Set	Suspension
4' (121.92cm) Run	1			1	
8' (243.84cm) Run		1		1	
12' (365.76cm) Run			1	1	
16' (487.68cm) Run		2		1	1
20' (609.60cm) Run		1	1	1	1
24' (731.52cm) Run			2	1	1

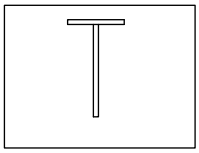
Mounting Accessories



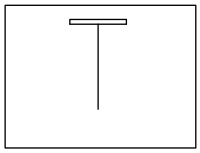
A2TES24ALD = Aluminum
A2TES24WHD = White
Dual Power Feed End Set
5 Wires (2-12 ga., 3-18ga.) on One End
3 Wires (2-12 ga. 1-18ga.) on One End
24" (60.96cm) Stems for Track



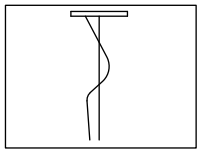
A2TES24ALS = Aluminum
A2TES24WHS = White
Single Power Feed End Set
5 Wires (2-12 ga., 3-18ga.) on One End
24" (60.96cm) Stems for Track



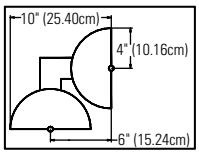
ALS24
Intermediate
24" (60.96cm) White Stem Set



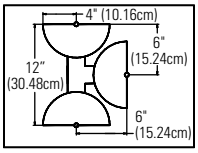
AC36
Intermediate
36" (91.44cm) Cable Set



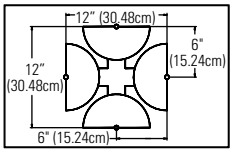
ACC36X4
Intermediate 36" (91.44cm)
Cable & 4 Wire 18 ga.
Cord Set for Fluorescent Only



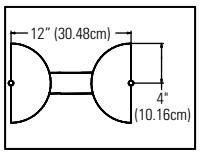
A2LAL= Aluminum
A2LWH = White
"L" Joiner Block



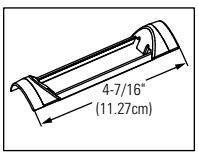
A2TAL = Aluminum
A2TWH = White
"T" Joiner Block



A2XAL = Aluminum
A2XWH = White
"X" Joiner Block



A2ILAL = Aluminum
A2ILWH = White
Inline Joiner Block



ATCAL = Aluminum
ATCWH = White
Track Adapter

Job Information **Type:**

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